

## INTERNATIONAL SEARCH REPORT

International Application No.  
PCT/US 02/11641

A. CLASSIFICATION OF SUBJECT MATTER  
IPC 7 H04Q7/22

According to international Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 H04Q H04L

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	EP 1 003 302 A (NEC CORP.) 24 May 2000 (2000-05-24) abstract; figures 1-4 column 11, line 36 -column 13, line 22	1,8,12
Y	DE 199 07 085 C (SIEMENS AG.) 13 April 2000 (2000-04-13) abstract; figures 1-3 column 3, line 68 -column 4, line 31	1,8,12
A	WO 98 45966 A (QUALCOMM INC.) 15 October 1998 (1998-10-15) abstract; figures 2,7,10 page 45, line 12 -page 48, line 11 -/-	1,8,12

☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

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 \*O\* document referring to an oral disclosure, use, exhibition or other means  
 \*P\* document published prior to the international filing date but later than the priority date claimed

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\*X\* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

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\*B\* document member of the same patent family

Date of the actual completion of the international search

27 November 2002

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## C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	EP 0 977 402 A (NEWBRIDGE CORP.) 2 February 2000 (2000-02-02) abstract; figures 1-3 column 5, line 5 - line 19 column 7, line 33 - line 51 -----	1,8,12
A	EP 1 089 500 A (NORTEL NETWORKS LTD.) 4 April 2001 (2001-04-04) abstract; claim 1; figures 1,3,6 page 6, line 37 - line 52 -----	1,8,12
P, A	EP 1 130 872 A (LUCENT TECHNOLOGIES INC.) 5 September 2001 (2001-09-05) abstract; figure 2; table 1 page 3, line 2 - line 21 page 5, line 9 - line 48 -----	1,8,12

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